



IFW

DOCKET NO. SWI-004-USA-P

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:  
J. Rusek, et al.

Serial No.: 10/712,534

Art Unit: 1755

Filed: November 14, 2003

Examiner: A. Felton

For: Liquid Hypergolic Propellant

RESPONSE TO RESTRICTION REQUIREMENT

Commissioner For Patent  
PO Box 1450  
Alexandria, VA 22313-1450

Sir:

Responsive to the restriction requirement mailed April 25, 2006, in the matter of the above-identified application, Applicants hereby elect the following species:

I. For the component (a), i.e., reactive metals and/or reactive metal salts, Applicants hereby elect complex hydrides. Such complex hydrides encompass from alkyllithiums directly dissolved in fuels, to lithium borohydride dissolved in fuels.

II. For the component (b), i.e., liquid fuels, Applicants hereby elect liquid fuels soluble in (a). In particular, Applicants hereby elect  $\text{LiBH}_4$  (which is soluble in ethers).

III. For the component (c), i.e., the sensitizer, Applicants hereby elect amines.

IV. For the component (d), i.e., the gelling agent,  
Applicants hereby elect silica gel.

It is respectfully submitted that the above is fully  
responsive to the outstanding Restriction Requirement. Further,  
it is respectfully submitted that this application is now in  
condition for examination on the merits and early action and  
allowance thereof is accordingly respectfully requested.

Respectfully submitted,

TOWNSEND & BANTA

*Donald E. Townsend, Jr.*

Donald E. Townsend, Jr.  
Reg. No. 43,198

#### CERTIFICATE OF MAILING

I hereby certify that this Response to Restriction Requirement in Docket No. SWI-004-USA-P, Serial No. 10/712,534, filed November 4, 2003, is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to:

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

on May 25, 2006.

Donald E. Townsend, Jr.

*Donald E. Townsend, Jr.*